

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-37. (Canceled).

38. (New) A multicarrier transmitting apparatus comprising:

a dividing section that divides transmit data into high-quality transmit data requiring good quality and ordinary transmit data other than said high-quality transmit data;

a subcarrier allocation section that rearranges said high-quality transmit data and said ordinary transmit data such that said high-quality transmit data is allocated to subcarriers in a vicinity of a center frequency in a predetermined frequency domain and said ordinary transmit data is allocated to subcarriers in a vicinity of both ends in the predetermined frequency domain, and that varies in accordance with channel quality a range of subcarriers to which said high-quality transmit data is allocated and a range of subcarriers to which said ordinary transmit data is allocated; and

an orthogonal frequency division multiplexing section that performs orthogonal frequency division multiplexing of said high-quality transmit data and said ordinary transmit data rearranged by said subcarrier allocating section.

39. (New) The multicarrier transmitting apparatus according to claim 38, further comprising a selection section that selects a null signal instead of part of said ordinary transmit data rearranged by said subcarrier selection section,

wherein said orthogonal frequency division multiplexing section performs orthogonal frequency division multiplexing of said ordinary transmit data comprising the null signal selected by said selection section and said high-quality transmit data.

40. (New) The multicarrier transmitting apparatus according to claim 38, further comprising a spreading section that independently sets numbers of spreading codes assigned to said high-quality transmit data and said ordinary transmit data rearranged by said subcarrier allocation section and that performs spreading processing of said transmit data,

wherein said orthogonal frequency division multiplexing section performs orthogonal frequency division multiplexing of said high-quality transmit data and said ordinary transmit data after the spreading processing in said spreading section, and allocates to subcarriers said high-quality transmit data and said ordinary transmit data after orthogonal frequency division multiplexing.

41. (New) The multicarrier transmitting apparatus according to claim 38, further comprising a spreading section that makes a number of spreading codes assigned to said high-quality transmit data greater than a number of spreading codes assigned to said ordinary transmit data, and performs spreading processing of said high-quality transmit data and said ordinary transmit data,

wherein said orthogonal frequency division multiplexing section performs orthogonal frequency division multiplexing of said high-quality transmit data and said ordinary transmit data after the spreading processing in said spreading section, and allocates to subcarriers said high-quality transmit data and said ordinary transmit data after orthogonal frequency division multiplexing.

42. (New) The multicarrier transmitting apparatus according to claim 38, further comprising a modulation section that modulates said high-quality transmit data and said ordinary transmit data in accordance with the channel quality using independently set modulation methods,

wherein said subcarrier allocation section rearranges said high-quality transmit data and said ordinary transmit data such that said high-quality transmit data modulated in said modulation section is allocated to the subcarriers in a vicinity of the center frequency and said ordinary transmit data modulated in said modulation section is allocated to the subcarriers in the vicinity of both ends.

43. (New) The multicarrier transmitting apparatus according to claim 38, wherein said high-quality transmit data comprises one of information used for communication control and retransmission information.

44. (New) A base station apparatus comprising a multicarrier transmitting apparatus according to claim 38.

45. (New) A communication terminal station apparatus comprising a multicarrier transmitting apparatus according to claim 38.

46. (New) A multicarrier transmitting method comprising the steps of:

in a multicarrier transmitting apparatus, dividing transmit data into high-quality transmit data requiring good quality and ordinary transmit data other than said high-quality transmit data;

in said multicarrier transmitting apparatus, rearranging said high-quality transmit data and said ordinary transmit data such that said high-quality transmit data is allocated to subcarriers in a vicinity of a center frequency in a predetermined frequency domain and said ordinary transmit data is allocated to subcarriers in a vicinity of both ends in the predetermined frequency domain, and varying in accordance with channel quality a range of subcarriers to which said high-quality transmit data is allocated and a range of subcarriers to which said ordinary transmit data is allocated; and

in said multicarrier transmitting apparatus, performing orthogonal frequency division multiplexing of said rearranged high-quality transmit data and said ordinary transmit data.